

depending on location. The normal flow rate in the pipeline would be from 290 to 400 million standard cubic feet of natural gas per day (MMscfd) between Daggett and Ehrenberg, and 190 MMscfd between Daggett and Wheeler Ridge. The maximum flow rate in the pipeline would be 382 MMscfd between Daggett and Amboy, 481 MMscfd between Amboy and Ehrenberg, and 210 MMscfd between Daggett and Wheeler Ridge.

A new 6.4-mile natural gas pipeline connecting the Cadiz Pump Station and Mojave Line 1900 is also proposed as an expansion of the Line 1903 system. This lateral line would be a 30-inch O.D. steel pipe, with pipe grade X70 and wall thickness of 0.321 inches. The maximum flow rate on the Cadiz Lateral would be 668 MMscfd.

Aboveground Facilities

Permanent aboveground facilities on Line 1903 would be constructed at 22 locations. These facilities include 22 new valves, including automatic shutdown valves; meter facilities at the four pipeline tie-ins at Wheeler Ridge, Daggett, Amboy, and Ehrenberg; and new pigging facilities at Wheeler Ridge, Mojave Heat Station, Daggett, Cadiz Pump Station, and Ehrenberg. Existing launchers and receivers from the heating and pumping stations would not be reused on the Project. A new pressure control valve would be installed at MP 247.6. A metering facility, including pig facilities, is also planned in conjunction with the Cadiz Lateral at the connection with the Mojave Pipeline.

In addition, one nonjurisdictional facility would be required to make Line 1903 operational. The local electric distribution company would build approximately 2,000 feet of new 240 volt electrical distribution powerline along the Cadiz lateral, to the Cadiz Meter Station at MP 6.37. Temporary disturbance would be within the pipeline construction right-of-way. Permanent placement of the power poles and access road would impact approximately 0.5 acre.